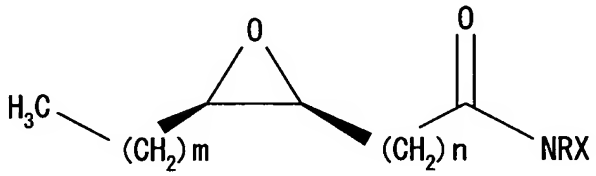
ABSTRACT

A connexin 26 inhibitor and a cancer metastasis inhibitor have a cis-oxirane structure and a terminal amide structure as represented by the following general formula (1):



(1)

where R is a hydrogen atom or a hydrocarbon group, X is one of a hydrogen atom, a methansulfonyl group, an ethansulfonyl group, an acetyl group, a trifluoroacetyl group, a hydroxyl group, an alkoxy group and an amino group; m is an integer of from 4 to 10; and n is an integer of from 4 to 7..This compound is a novel cancer metastasis inhibitor which specifically inhibits the function of connexin 26.